

(Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
BPF:								
Berks-----	0-7	---	---	3.6-6.5	---	---	---	---
	7-34	---	---	3.6-6.5	---	---	---	---
	34-38	---	---	3.6-6.5	---	---	---	---
	38-42	---	---	---	---	---	---	---
Pineville-----	0-3	---	---	3.6-7.3	---	---	---	---
	3-43	---	---	3.6-5.5	---	---	---	---
	43-65	---	---	3.6-5.5	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
CeF:								
Cedarcreek-----	0-3	---	---	3.6-5.5	---	---	---	---
	3-65	---	---	3.6-5.5	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
Rock Outcrop,hard----	0-60	---	---	---	---	---	---	---
Cg:								
Chagrin-----	0-9	---	---	5.6-7.3	---	---	---	---
	9-48	---	---	5.6-7.3	---	---	---	---
	48-65	---	---	5.6-7.3	---	---	---	---
Holly-----	---	---	---	---	---	---	---	---
Ch:								
Chagrin-----	0-7	---	---	5.6-7.3	---	---	---	---
	7-36	---	---	5.6-7.3	---	---	---	---
	36-65	---	---	5.6-7.3	---	---	---	---
Cu:								
Chagrin-----	0-9	---	---	5.6-7.3	---	---	---	---
	9-48	---	---	5.6-7.3	---	---	---	---
	48-65	---	---	5.6-7.3	---	---	---	---
Urban Land-----	0-6	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
DPF:								
Dekalb-----	0-5	---	---	3.6-6.5	---	---	---	---
	5-28	---	---	3.6-5.5	---	---	---	---
	28-33	---	---	3.6-5.5	---	---	---	---
	33-37	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
Pineville-----	0-3	---	---	3.6-7.3	---	---	---	---
	3-43	---	---	3.6-5.5	---	---	---	---
	43-65	---	---	3.6-5.5	---	---	---	---
Guyandotte-----	0-12	---	---	4.5-7.3	---	---	---	---
	12-65	---	---	4.5-6.0	---	---	---	---
FvE:								
Fiveblock-----	0-6	---	---	5.6-7.8	---	---	---	---
	6-65	---	---	5.6-7.8	---	---	---	---

Table J2.--Chemical Properties of the Soils--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
GpC:								
Gilpin-----	0-7	---	---	3.6-5.5	---	---	---	---
	7-22	---	---	3.6-5.5	---	---	---	---
	22-39	---	---	3.6-5.5	---	---	---	---
	39-43	---	---	---	---	---	---	---
Lily-----	0-10	---	---	3.6-5.5	---	---	---	---
	10-30	---	---	3.6-5.5	---	---	---	---
	30-34	---	---	3.6-5.5	---	---	---	---
	34-38	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
GpE:								
Gilpin-----	0-7	---	---	3.6-5.5	---	---	---	---
	7-22	---	---	3.6-5.5	---	---	---	---
	22-39	---	---	3.6-5.5	---	---	---	---
	39-43	---	---	---	---	---	---	---
Lily-----	0-10	---	---	3.6-5.5	---	---	---	---
	10-30	---	---	3.6-5.5	---	---	---	---
	30-34	---	---	3.6-5.5	---	---	---	---
	34-38	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
Ho:								
Holly-----	0-3	---	---	5.6-7.3	---	---	---	---
	3-28	---	---	5.1-7.3	---	---	---	---
	28-65	---	---	5.6-7.8	---	---	---	---
Lobdell-----	0-8	---	---	5.1-7.3	---	---	---	---
	8-36	---	---	5.1-7.3	---	---	---	---
	36-65	---	---	5.6-7.3	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
ImE:								
Itmann-----	0-5	---	---	3.6-5.5	---	---	---	---
	5-65	---	---	3.6-5.5	---	---	---	---
ItF:								
Itmann-----	0-5	---	---	3.6-5.5	---	---	---	---
	5-65	---	---	3.6-5.5	---	---	---	---
KcF:								
Kaymine-----	0-3	---	---	5.6-7.8	---	---	---	---
	3-65	---	---	5.6-7.8	---	---	---	---
Cedarcreek-----	0-3	---	---	3.6-5.5	---	---	---	---
	3-65	---	---	3.6-5.5	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---
Dekalb-----	0-5	---	---	3.6-6.5	---	---	---	---
	5-28	---	---	3.6-5.5	---	---	---	---
	28-33	---	---	3.6-5.5	---	---	---	---
	33-37	---	---	---	---	---	---	---

